

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020751.D
 Acq On : 26 Jan 2021 14:20
 Operator : JC/SP
 Sample : M1192-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41046DL

Quant Time: Jan 26 14:42:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

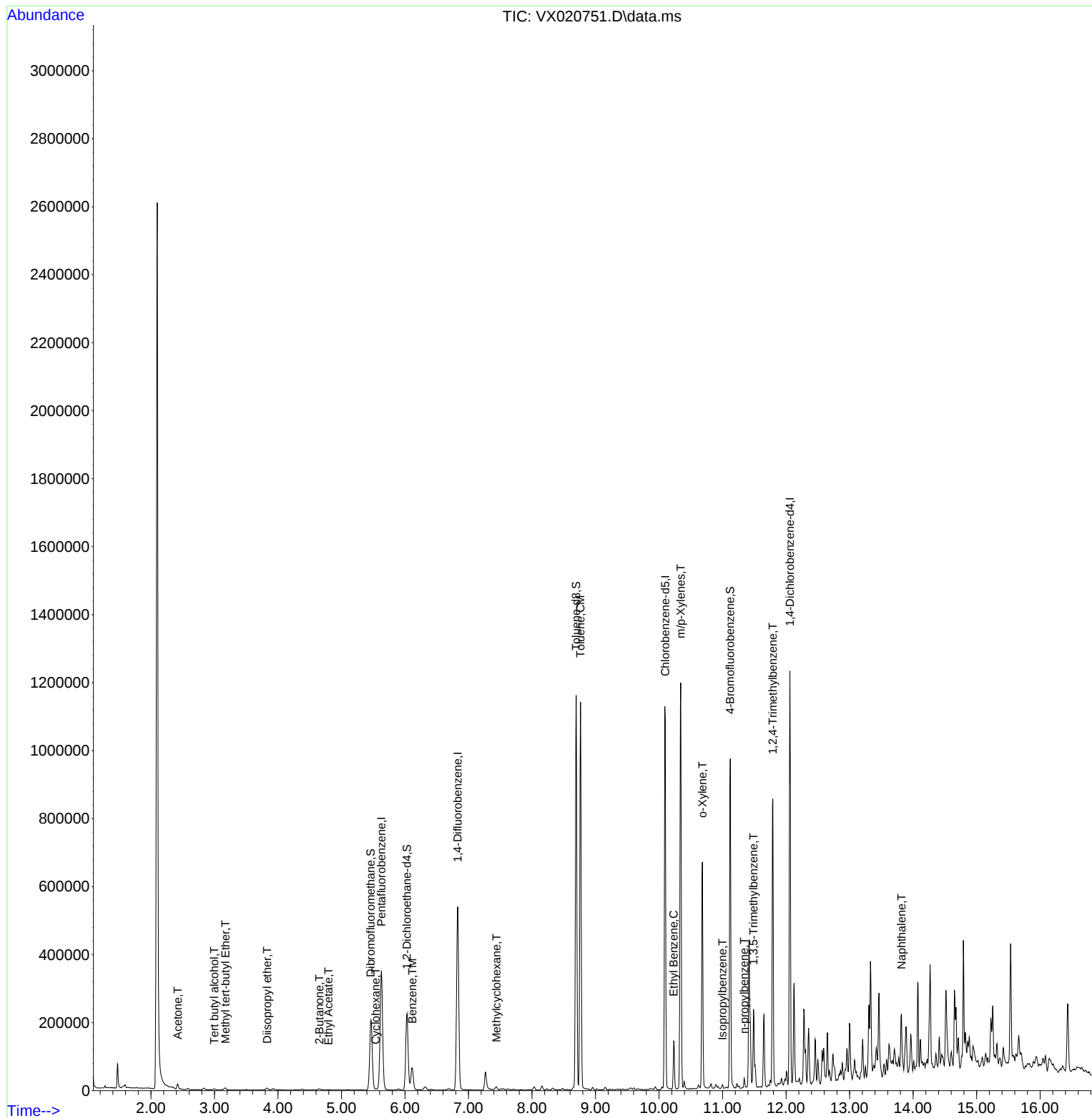
Internal Standards						
1) Pentafluorobenzene	5.629	168	318507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	549147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	531371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	246620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	215107	49.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.02%		
35) Dibromofluoromethane	5.458	113	180872	48.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.18%		
50) Toluene-d8	8.695	98	702202	50.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.84%		
62) 4-Bromofluorobenzene	11.122	95	265738	49.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.24%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	2343	2.89	ug/l #	73
16) Acetone	2.422	43	16232	9.85	ug/l	95
19) Methyl tert-butyl Ether	3.172	73	6779	0.59	ug/l #	91
22) Diisopropyl ether	3.830	45	6109	0.55	ug/l #	77
25) 2-Butanone	4.654	43	4023	1.56	ug/l #	85
31) Cyclohexane	5.537	56	1382	0.24	ug/l #	54
37) Ethyl Acetate	4.794	43	2646	0.51	ug/l #	81
39) Methylcyclohexane	7.440	83	3872	0.62	ug/l	95
40) Benzene	6.117	78	82421	5.08	ug/l	96
52) Toluene	8.763	92	432922	42.42	ug/l	98
67) Ethyl Benzene	10.232	91	78978	3.96	ug/l	99
68) m/p-Xylenes	10.342	106	282282	37.98	ug/l	98
69) o-Xylene	10.683	106	142865	20.43	ug/l	97
73) Isopropylbenzene	11.000	105	5171	0.29	ug/l	99
78) n-propylbenzene	11.341	91	14991	0.73	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	100187	6.58	ug/l	99
84) 1,2,4-Trimethylbenzene	11.792	105	386481	25.15	ug/l	98
95) Naphthalene	13.817	128	103571	8.03	ug/l	98

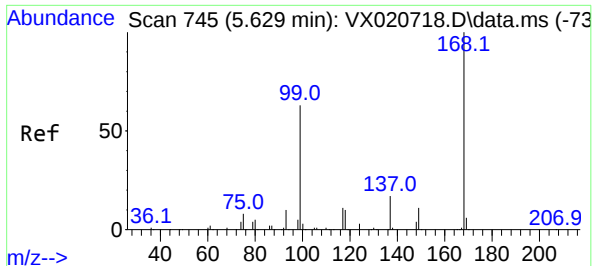
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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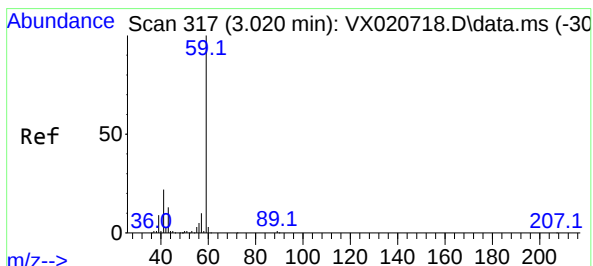
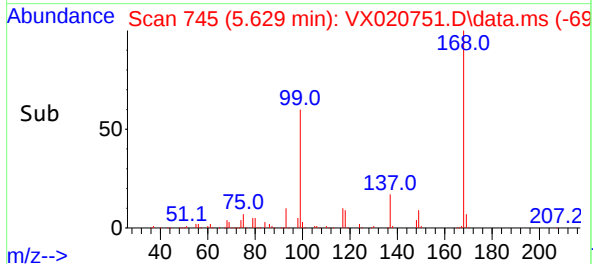
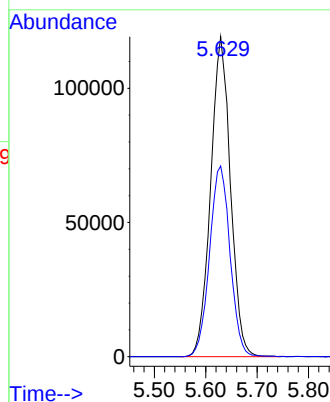
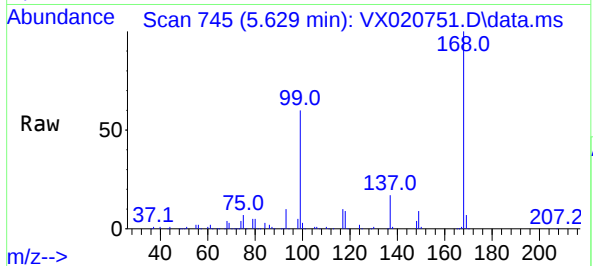




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

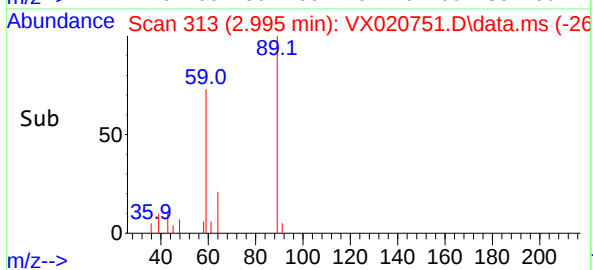
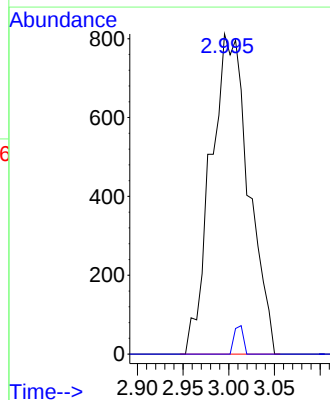
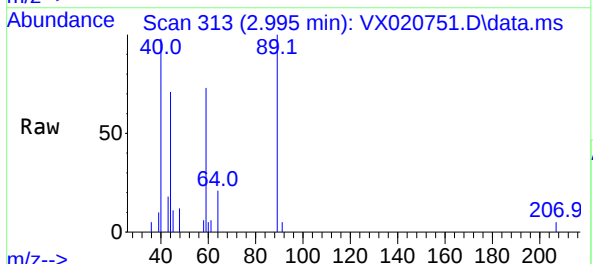
Instrument :
MSVOA_X
ClientSampleId :
41046DL

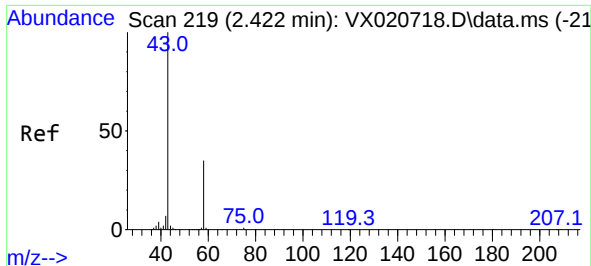
Tgt Ion:168 Resp: 318507
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 2.89 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion: 59 Resp: 2343
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

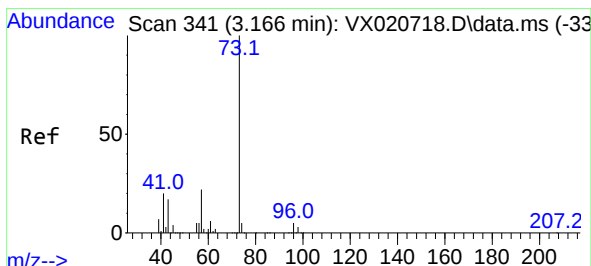
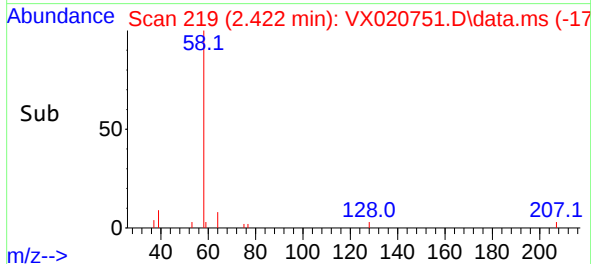
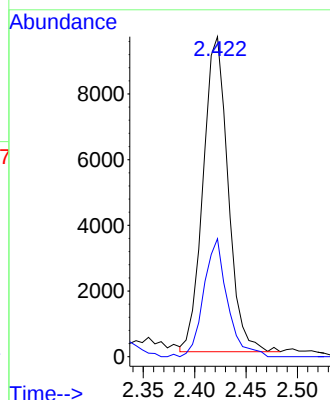
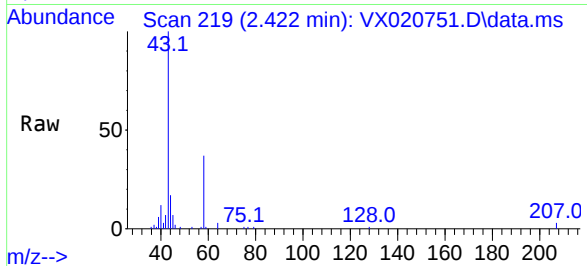




#16
Acetone
Concen: 9.85 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

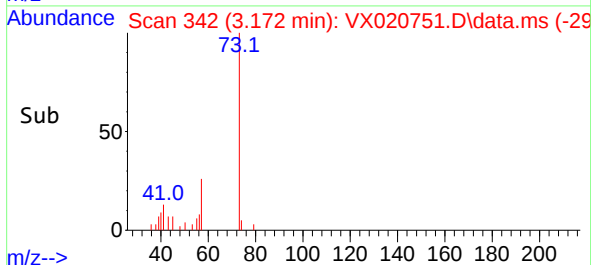
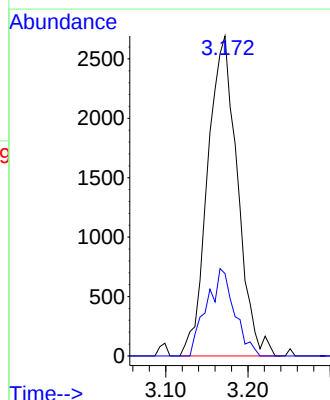
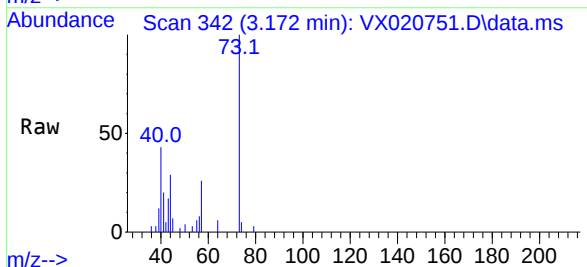
Instrument :
MSVOA_X
ClientSampleId :
41046DL

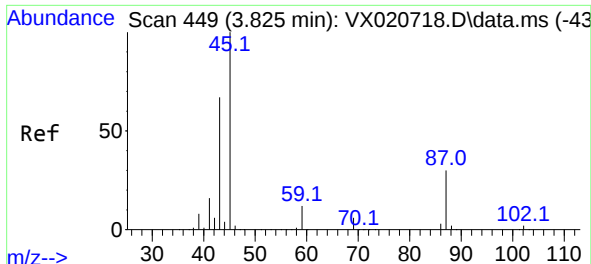
Tgt Ion: 43 Resp: 16232
Ion Ratio Lower Upper
43 100
58 37.5 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 0.59 ug/l
RT: 3.172 min Scan# 342
Delta R.T. 0.006 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion: 73 Resp: 6779
Ion Ratio Lower Upper
73 100
57 25.8 17.1 25.7#

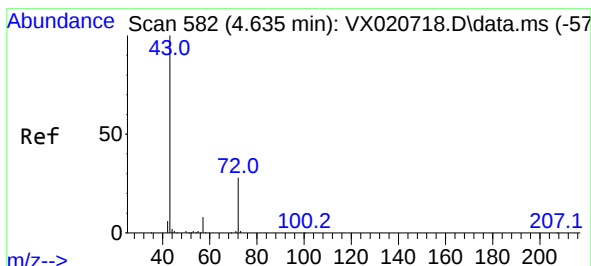
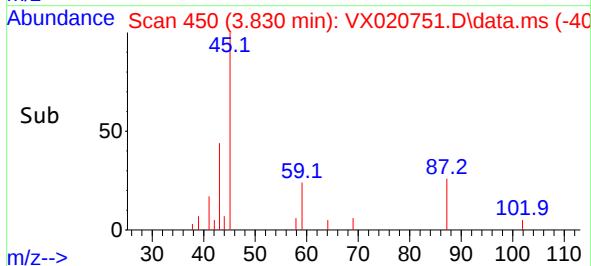
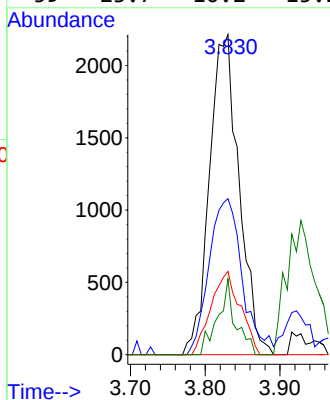
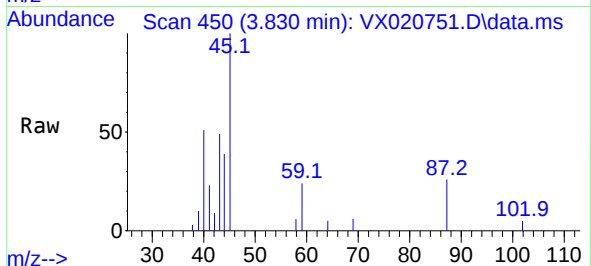




#22
Diisopropyl ether
Concen: 0.55 ug/l
RT: 3.830 min Scan# 450
Delta R.T. 0.005 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

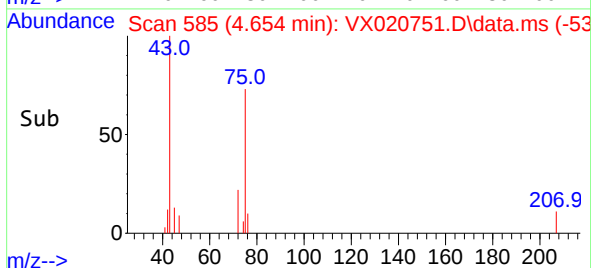
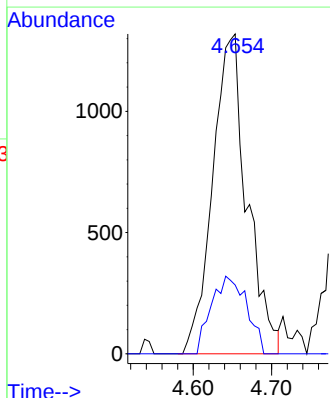
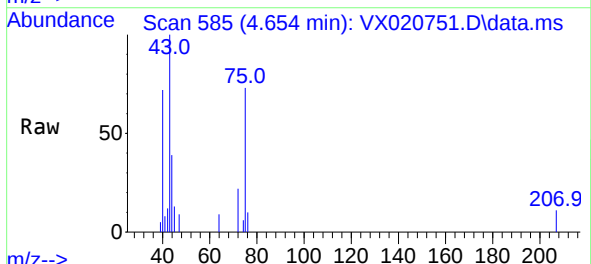
Instrument :
MSVOA_X
ClientSampleID :
41046DL

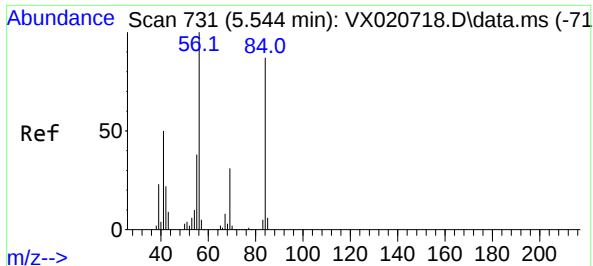
Tgt Ion:	45	Resp:	6109
Ion	Ratio	Lower	Upper
45	100		
43	48.8	58.0	87.0#
87	26.0	25.4	38.0
59	23.7	10.2	15.2#



#25
2-Butanone
Concen: 1.56 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.019 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion:	43	Resp:	4023
Ion	Ratio	Lower	Upper
43	100		
72	21.5	23.7	35.5#

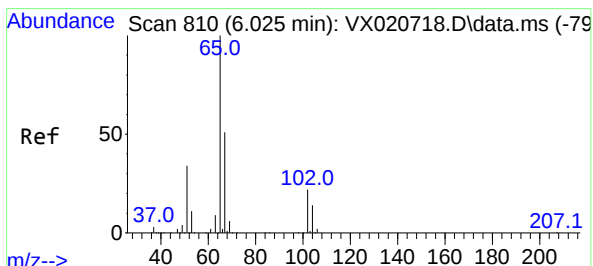
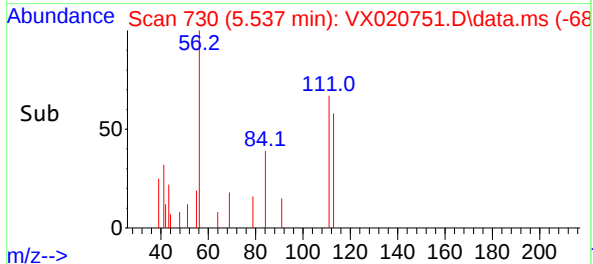
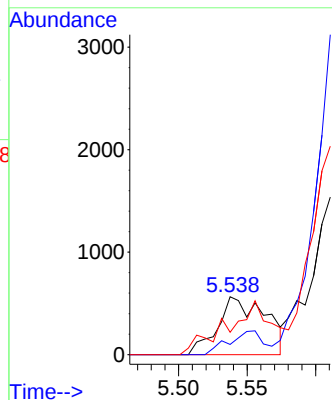
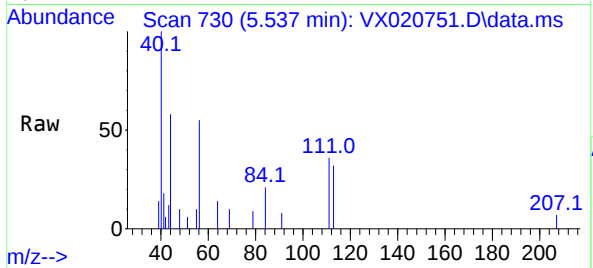




#31
Cyclohexane
Concen: 0.24 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

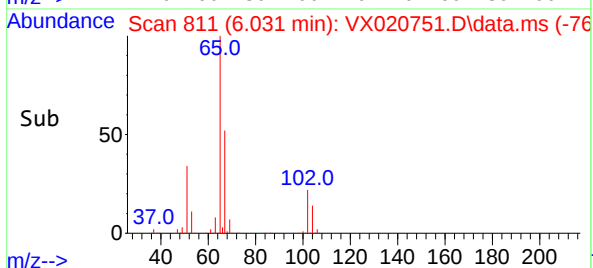
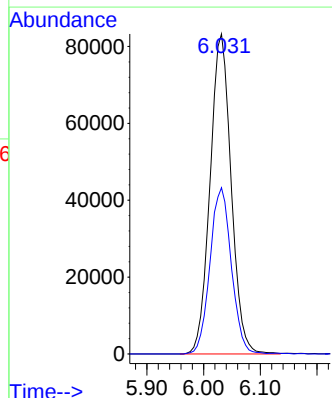
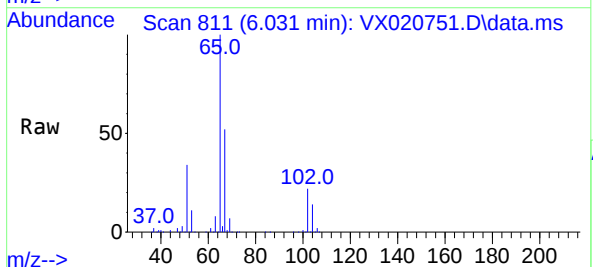
Instrument :
MSVOA_X
ClientSampleId :
41046DL

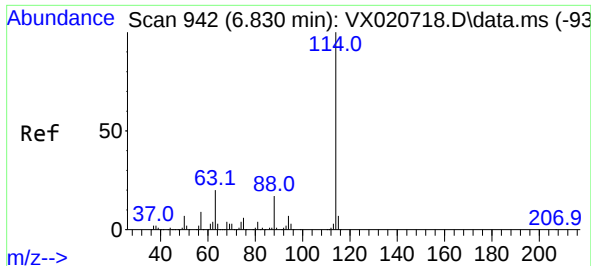
Tgt Ion: 56 Resp: 1382
Ion Ratio Lower Upper
56 100
69 17.7 25.3 37.9#
84 38.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.51 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion: 65 Resp: 215107
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



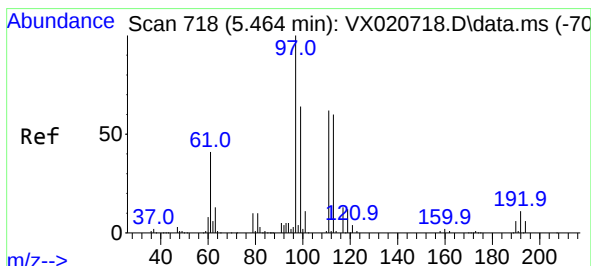
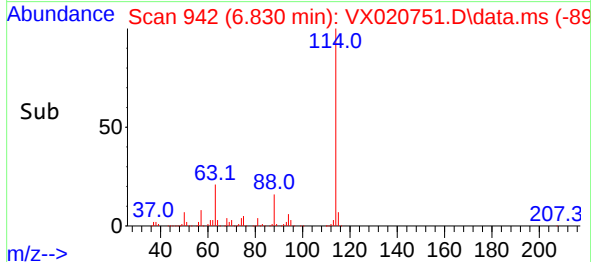
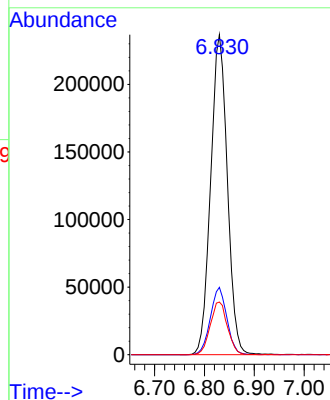
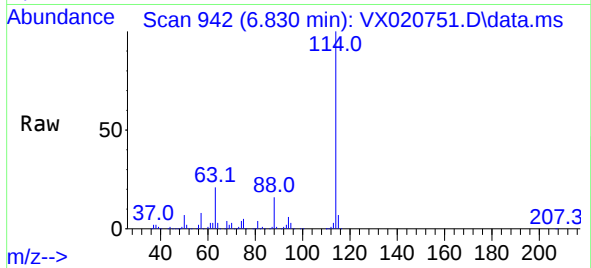


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Instrument :
MSVOA_X
ClientSampleId :
41046DL

Tgt Ion:114 Resp: 549147

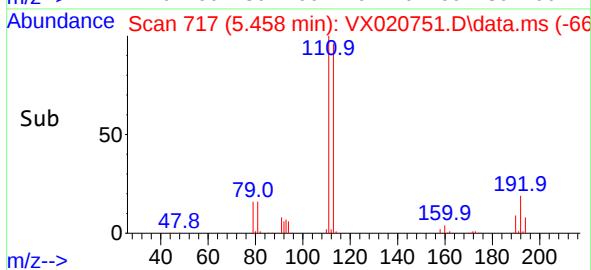
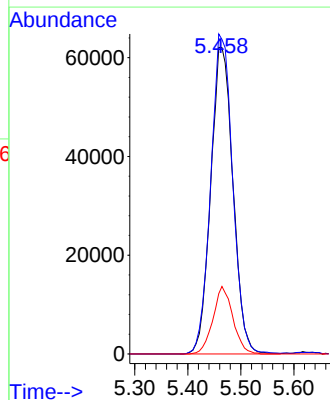
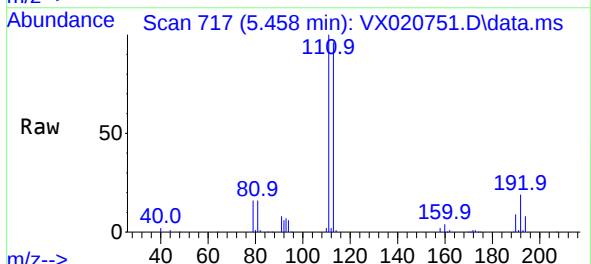
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	16.5	0.0	32.8

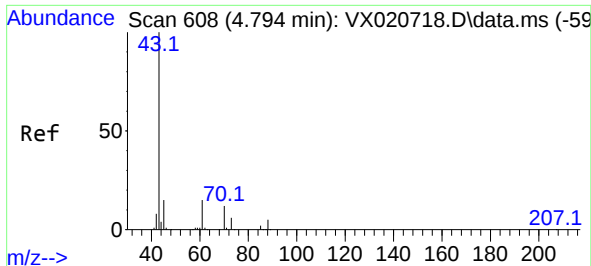


#35
Dibromofluoromethane
Concen: 48.09 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion:113 Resp: 180872

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	19.7	16.7	25.1



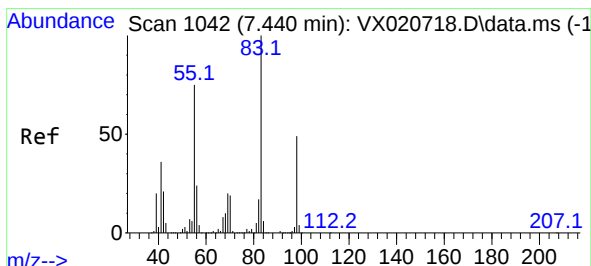
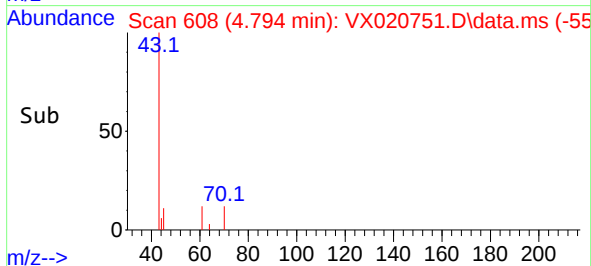
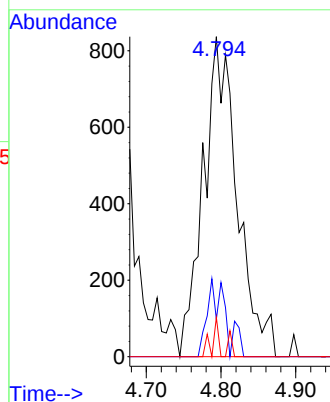
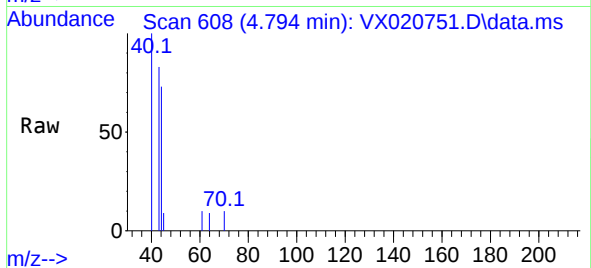


#37
Ethyl Acetate
Concen: 0.51 ug/l
RT: 4.794 min Scan# 608
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Instrument :
MSVOA_X
ClientSampleID :
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Tgt Ion: 43 Resp: 2646

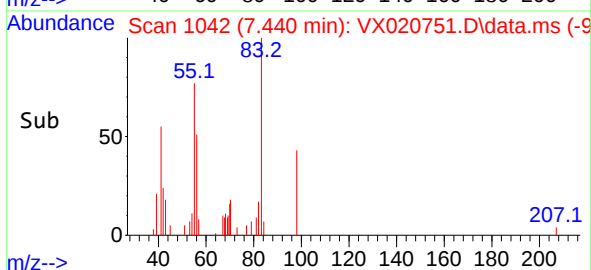
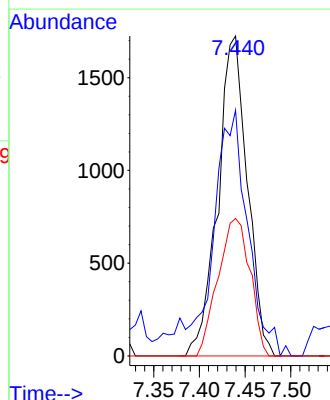
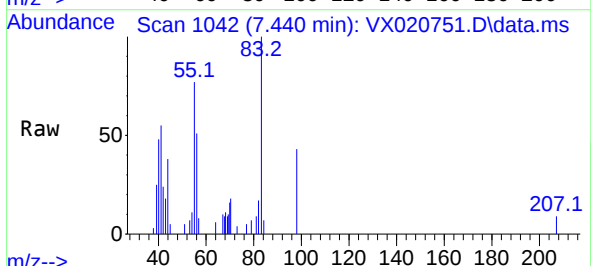
Ion	Ratio	Lower	Upper
43	100		
61	11.0	12.8	19.2#
70	2.2	10.5	15.7#

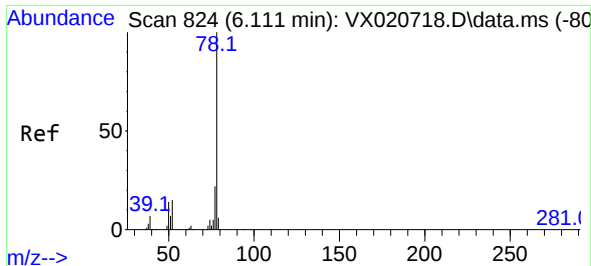


#39
Methylcyclohexane
Concen: 0.62 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion: 83 Resp: 3872

Ion	Ratio	Lower	Upper
83	100		
55	76.8	58.9	88.3
98	43.0	38.1	57.1

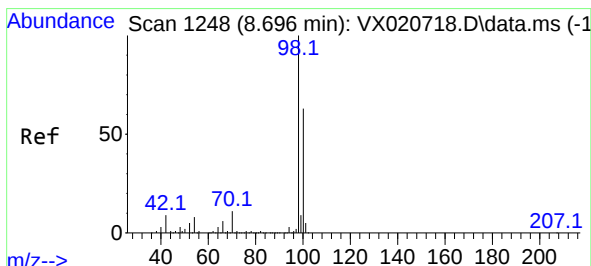
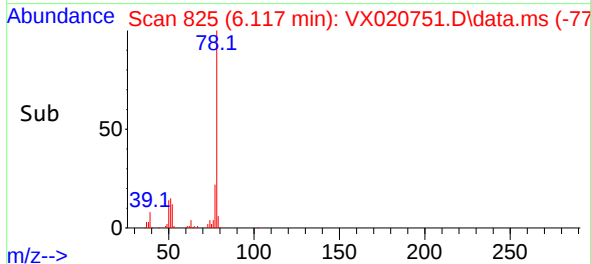
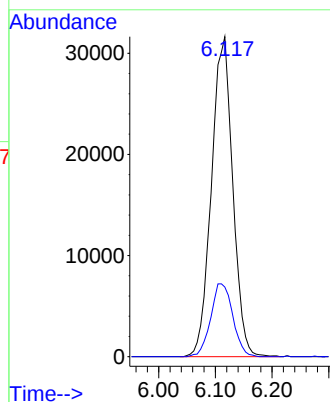
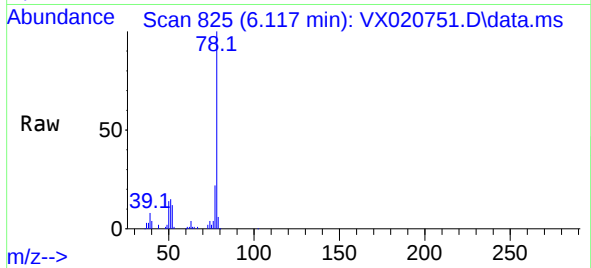




#40
Benzene
Concen: 5.08 ug/l
RT: 6.117 min Scan# 825
Delta R.T. 0.006 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

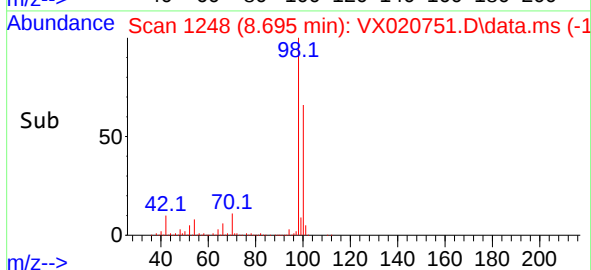
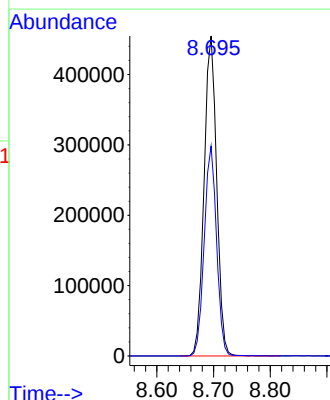
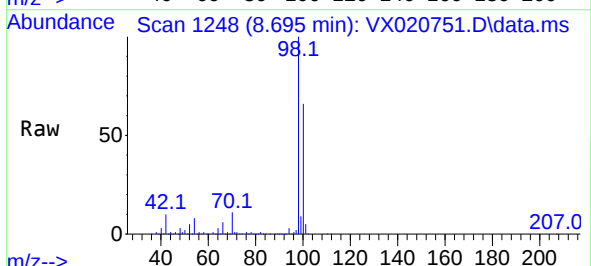
Instrument :
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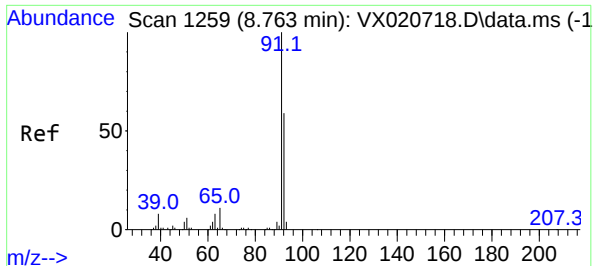
Tgt Ion: 78 Resp: 82421
Ion Ratio Lower Upper
78 100
77 21.8 18.9 28.3



#50
Toluene-d8
Concen: 50.92 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion: 98 Resp: 702202
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

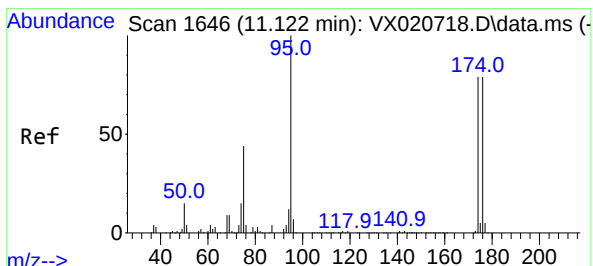
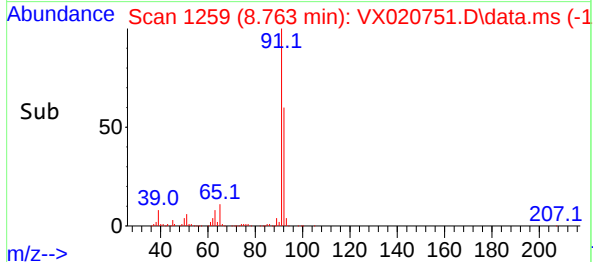
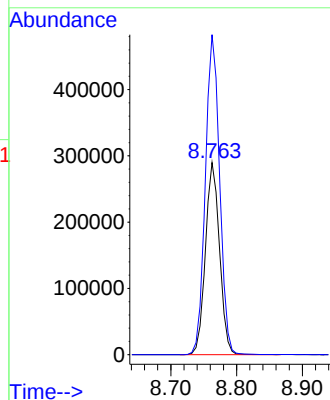
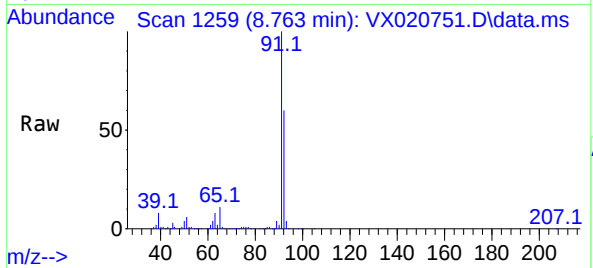




#52
Toluene
Concen: 42.42 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

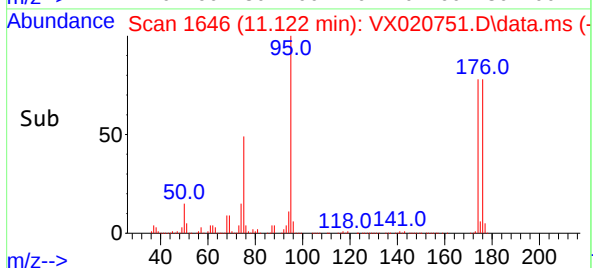
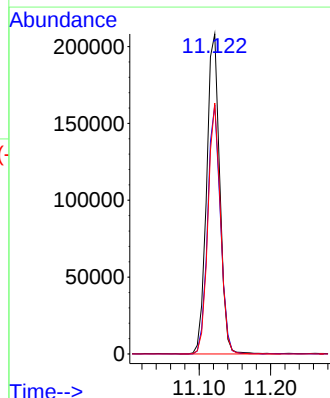
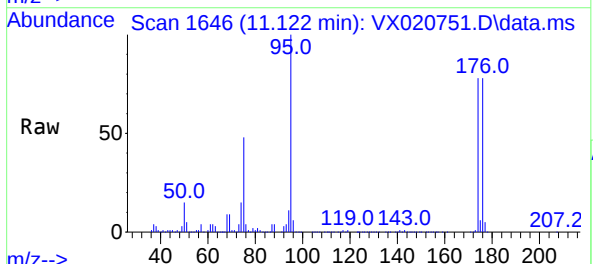
Instrument :
MSVOA_X
ClientSampleId :
41046DL

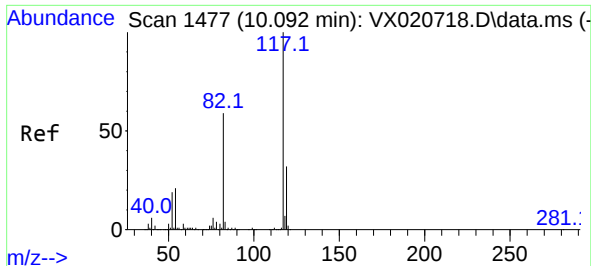
Tgt Ion: 92 Resp: 432922
Ion Ratio Lower Upper
92 100
91 168.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 49.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion: 95 Resp: 265738
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 74.5 0.0 155.8

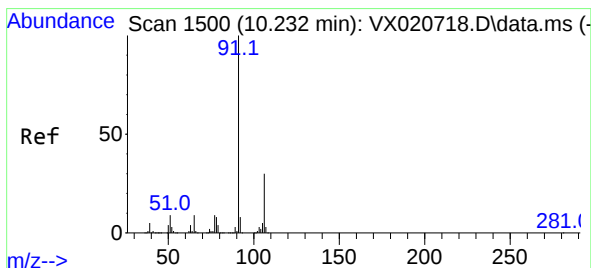
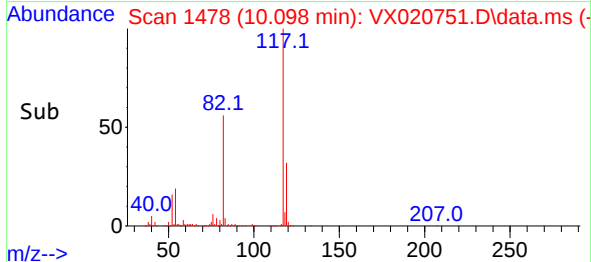
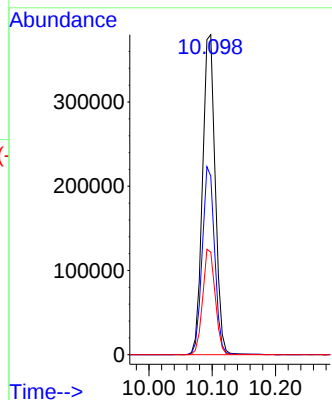
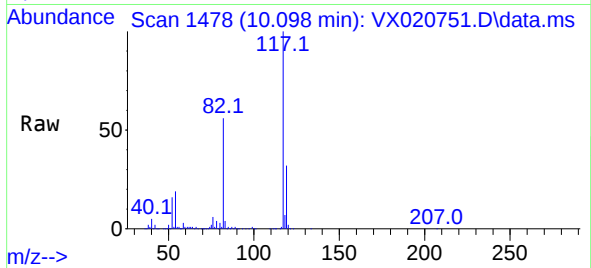




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

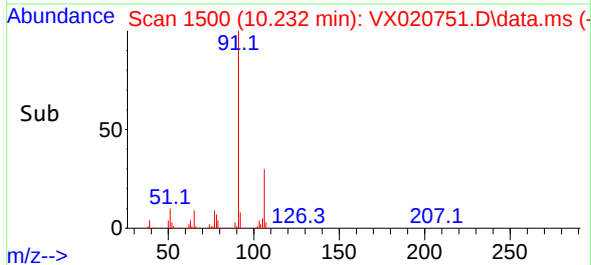
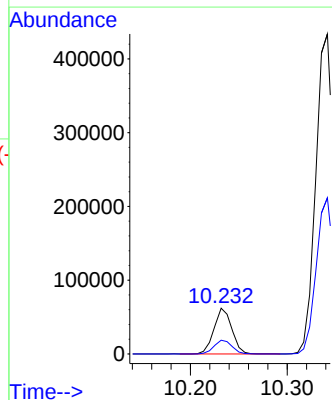
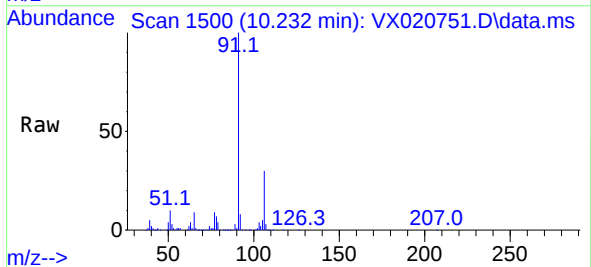
Instrument :
MSVOA_X
ClientSampleId :
41046DL

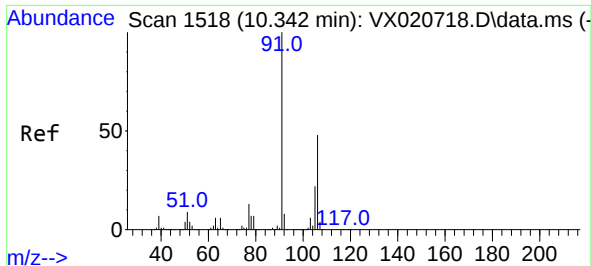
Tgt Ion:117 Resp: 531371
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.1 26.6 39.8



#67
Ethyl Benzene
Concen: 3.96 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion: 91 Resp: 78978
Ion Ratio Lower Upper
91 100
106 30.0 24.6 37.0

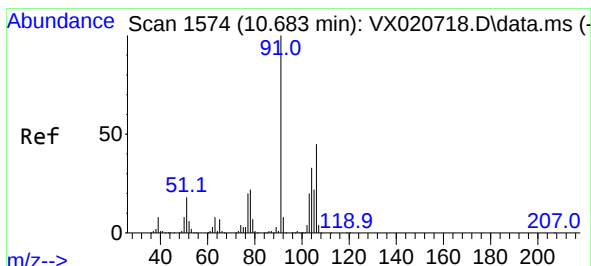
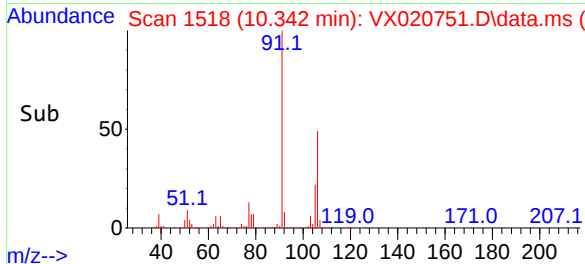
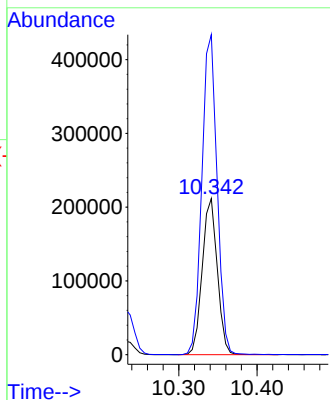
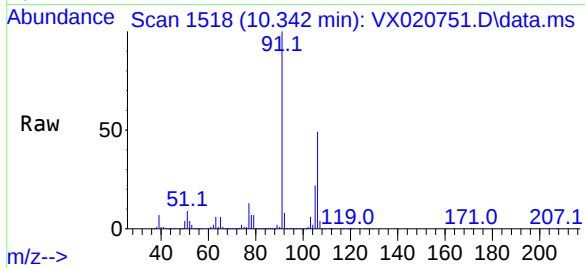




#68
m/p-Xylenes
Concen: 37.98 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

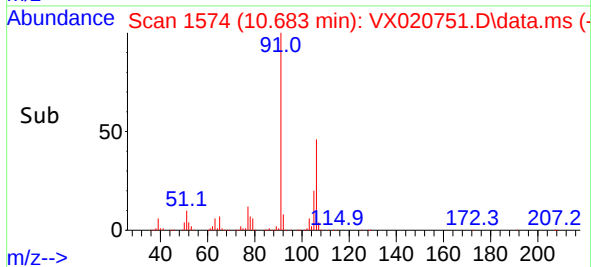
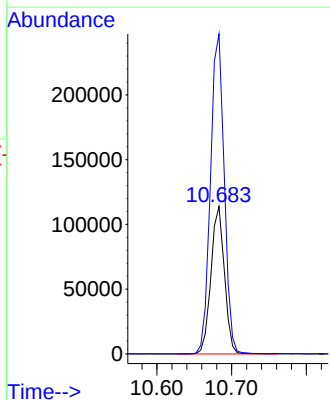
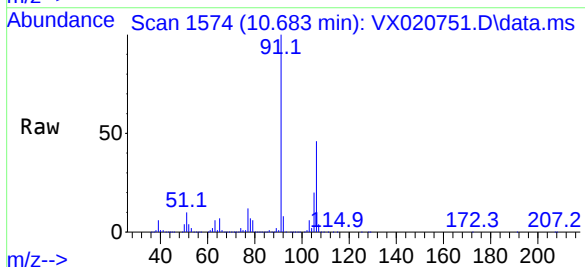
Instrument :
MSVOA_X
ClientSampleID :
41046DL

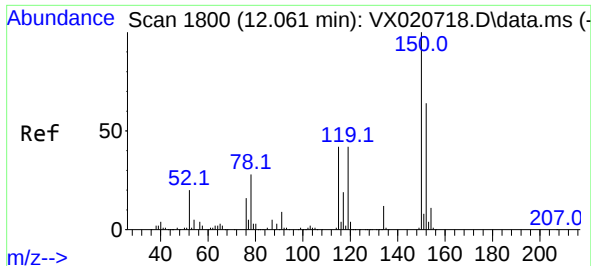
Tgt Ion:106 Resp: 282282
Ion Ratio Lower Upper
106 100
91 206.9 162.8 244.2



#69
o-Xylene
Concen: 20.43 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion:106 Resp: 142865
Ion Ratio Lower Upper
106 100
91 221.2 108.1 324.2

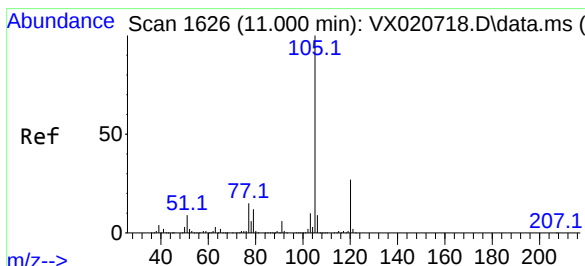
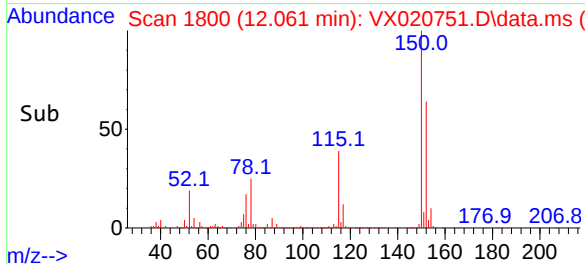
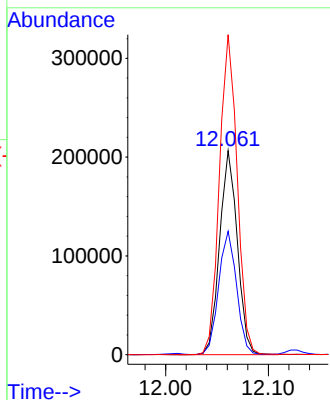
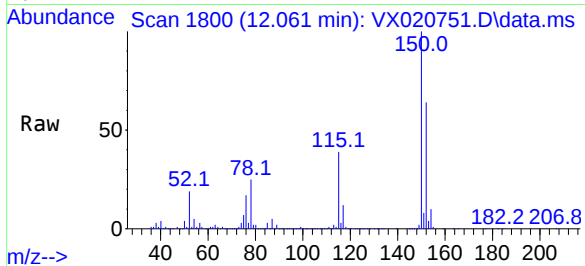




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

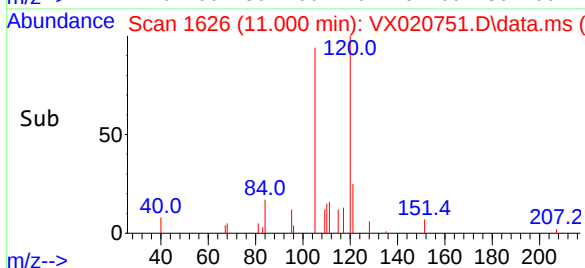
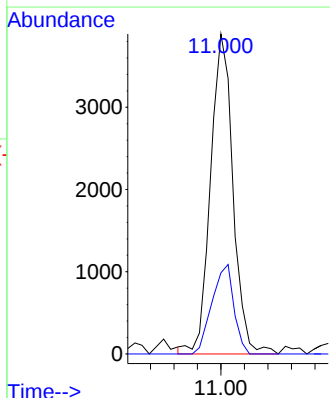
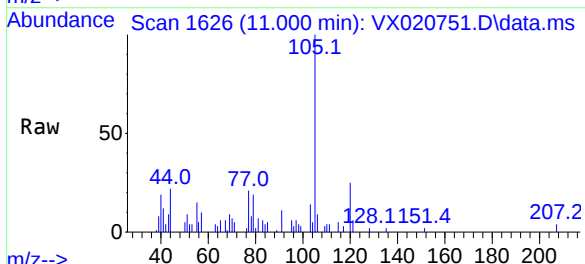
Instrument :
MSVOA_X
ClientSampleId :
41046DL

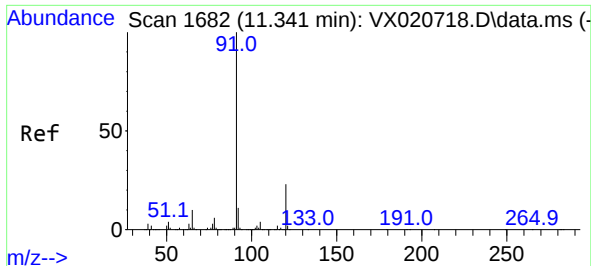
Tgt Ion:152 Resp: 246620
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 157.9 0.0 349.0



#73
Isopropylbenzene
Concen: 0.29 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion:105 Resp: 5171
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.6

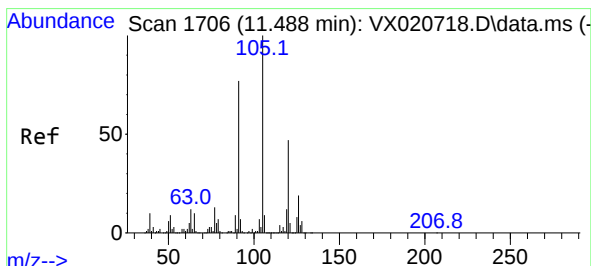
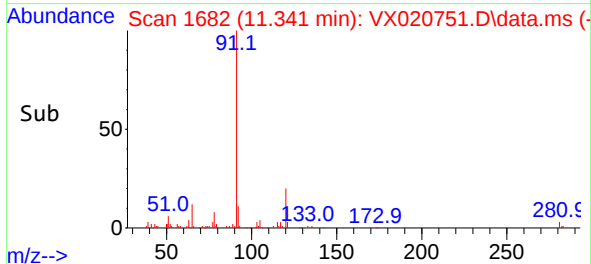
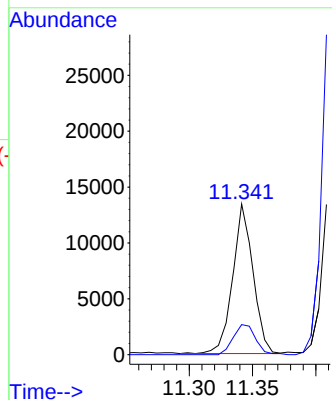
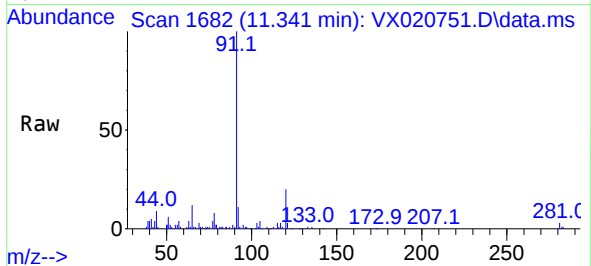




#78
n-propylbenzene
Concen: 0.73 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

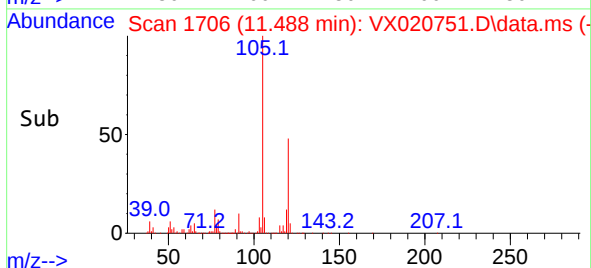
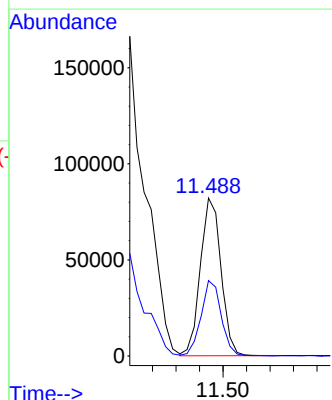
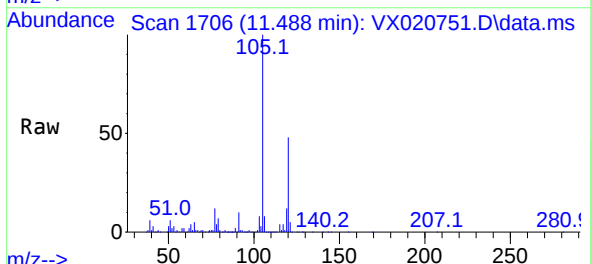
Instrument :
MSVOA_X
ClientSampleId :
41046DL

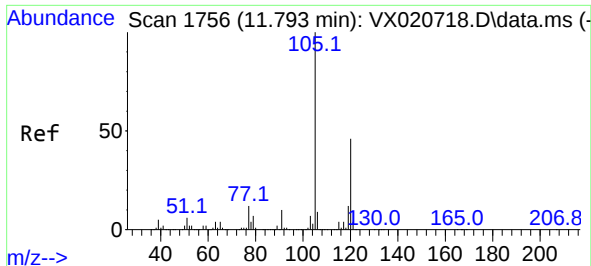
Tgt Ion: 91 Resp: 14991
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 6.58 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion:105 Resp: 100187
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.5

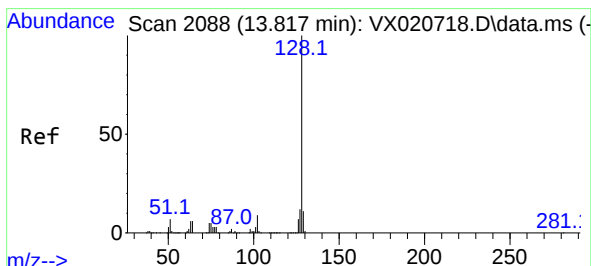
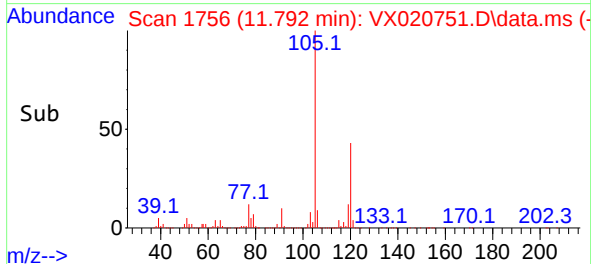
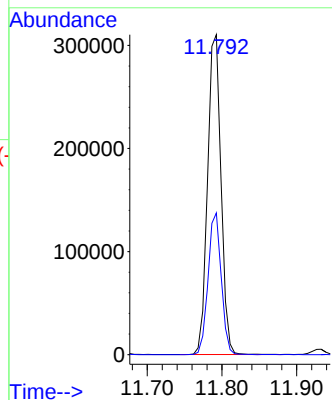
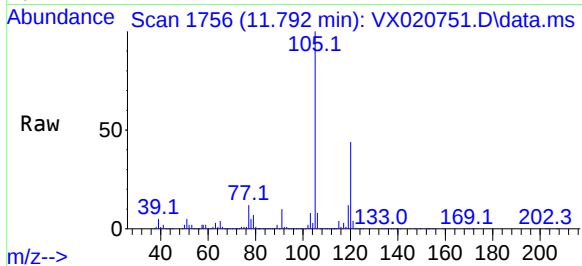




#84
1,2,4-Trimethylbenzene
Concen: 25.15 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. -0.001 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Instrument :
MSVOA_X
ClientSampled :
41046DL

Tgt Ion:105 Resp: 386481
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.3



#95
Naphthalene
Concen: 8.03 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020751.D
Acq: 26 Jan 2021 14:20

Tgt Ion:128 Resp: 103571
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 12.4 8.8 13.2

